ces Anglicanos ferè exurrexiſſet. Hic Annus ideo pro ſicco habendus eſt. Nam proportio Pluviæ media ſingulis Annis eſt circa 20½ pollices *Upminſtri*; 42½ *Townelei* in comitatu *Lancaſtriæ*; & 22 *Pariſiis* in *Galliâ*; & 24 pollices in urbe Flandriæ vocatâ *Inſulæ*, uti obſervavi in *Phil. Tranſ.* N. 297.

VI. *An Account of Balls of Hair taken from the* Uterus *and* Ovaria *of ſeveral Women; by Mr.* James Yonge, *F.R.S. Communicated to Dr.* Hans Sloane, *R.S. Secr.*

IN *November* 1705, I was call'd to deliver a Woman 30 Years old, who had 4 Days laboured in vain to bring forth her firſt Child: The Head, being too big for the Paſſage, ſtuck immoveable at the *Os pubis*; ſo that I could neither faſten a Crochet, nor draw it out by a Cupping-Glaſs fixt to the Scalp with an Air Pump.

In this Extremity I directed my Son to open the Childs Head, and take out all the Brains, with ſo much of the Scull as he could; and then by a Cord faſtned round the Neck with a Nooze, to pull it out, which was ſoon and eaſily done.

The Child was Corrupted and ſtunk much, ſo did the *Lochia*, which flowed three Weeks; ſoon after they ceaſed, the *Menſtrua* appeared, and the Woman went abroad: About ſix Weeks after her Delivery, ſhe was ſeized with violent Convulſions, and Hyſterick Firs, which laſted near three Days; when a painful Tumor aroſe in the left ſide of her Belly, which ended in an Eruption of white thick Matter near a Pint, with ſmall Knobs of a Subſtance like the Yolk of boiled Eggs: All Symptoms immediately vaniſht, only ſhe complained of the great Hollowneſs where the Tumor had been.

Four Days after this, the like Swelling appear'd on the right ſide of her Belly, which continued with a ſmall Flux of Matter about five or ſix Months, in deſpight of the many Remedies I uſed to cure her.

About that time there appeared in the *Pudenda* a Bunch of ſomething like greaſy Wool, which being drawn forth, proved a Ball, or Wad of Hair, the bigneſs of a Turkeys Egg, immerſed in an Unctuous Slime; adhering on one ſide to a Membrane ſo large as the Palm of a Mans Hand: And in the midſt of it a ſmall Pyramidal Bone reſembling a ſplit Tooth. The Tumor ſunk upon this, and the Fluor ceaſed immediately, and her Lunary Flux (which all this while had not appeared) flowed as uſual, and ſhe continueth in perfect Health ever ſince, full nine Months.

You will herewith receive the Membrane, (ſomewhat ſhrunk and dry,) together with the Bone, and *Folliculus*, to lay before the *R. Society*, whoſe Sentiments I ſhall humbly wait to know. The Bone is perfectly ſuch, ſo is the Hair, being fine, ſoft, and indifferently ſtrong, of no great length, of a light brown Colour, intangled like a parcel of Combings.

Dr. Hook's *Phil. Collect.* N. 2,

This Caſe, though rare and extraordinary, hath ſometimes hapned to others. That Famous Naturaliſt Dr. *Tyſon*, who hath ſo much obliged the World by his Labours and Diſcoveries, tell us, That in *November* 1679. he diſſected a young Gentlewoman, and found the right Teſticle, or *Ovarium*, ſwoln into two Bags, almoſt ſo big as a Mans Head, full of a pale *Serum*, in which floated ſeveral Lumps of a ſoft fat Matter, which diſſolved in part when put into hot Water. One of thoſe Pieces was half ſo big as a Man's Fiſt, in which lay a great deal of Hair (as there did though not ſo plentifully in all the reſt) of a Silver Colour, ſoft, fine, ſtrong, and above two Foot long; it was not faſten'd to, nor ſeemed to grow from any part, but lay intangled in this Matter, and in it a

Bony

Bony Subſtance exactly reſembling that which is commonly called the Eye or Dog-Tooth.

Another time diſſecting a Woman forty Years old, he found near the *Uterus*, a Bag ſo big as a large Turkey-Egg, and in it a fatty Subſtance, like that above mentioned, with a great quantity of light ſoft Hair faſtned to a fleſhy Subſtance: Within this *Cyſtis* a Bone, in ſome ſort reſembling a Mandible, having ſeveral Sockets, in which were ſeated there *Dentes Molares*, or Grinder Teeth, and a fourth not yet quite grown out.

The Learned and Inquiſitive Doctor *Grew* tells us, That in your *Muſæum* lyeth ſuch another Tooth, found by Dr. *Tyſon*, after the ſame manner. And the Doctor himſelf tells us, *ubi ſupra*, That the great Dr. *Needham* found a Tooth and Hair in the *Ovarium* of a dead Woman. And Dr. *R. Hook* (whoſe Death I have a thouſand Reaſons to lament) ſaith, That Dr. *Samſon* found the like in two great Globoſe Tumors depending on, or rather parts of the extended *Ovarium*, wrapt up in diſſolvible and inflammable fat, of a yellow Colour. *Muſ.* R. S. *p.* 15.

About ten Years ſince, Sir *Andrew Leak* (who now lyeth in the Bed of Honour) gave me a ſmall Bunch of Hair, being part of what had been found in the Belly of a young Woman at *Deal*, by Mr. *Joſ. Nichols* a Surgeon there; I ſend you that Hair, with a ſhort Hiſtory of it, by leave from the kind Hand who lately imparted it to me.

A. D. 1696. A Virgin of thirty fell into a Periodical Fever, and afterward a total ſuppreſſion of her *Menſtrua*; which was ſoon followed with a Pain and Tumor in the right ſide of her Belly, which grew and encreaſed, maugre all the Remedies adviſed by the Neighbouring Phyſicians, till it became bigger and harder than that of a Woman in her laſt Month. When it had grown a full Year, it began to ſoften, and then the Cenſorious People who ſuſpected her Honeſty, thought her in a Dropſie.

At

At fifteen Months end, the Belly was ſo diſtended, that it ſeemed ready to Burſt; which made the Patient deſire the Phyſicians to adviſe Mr. *Nichols* to make the *Paracenteſis*; but all were ſurprized, when inſtead of Water there ruſhed out a pint and half of ſweet well-digeſted Matter: The next Day he let out as much more, and then perceived Hair four or five Inches long iſſue forth with the Matter, but ſo faſtned in the Inſide, that he could not pull them out, the Woman complaining he would draw out a piece of her Belly.

She lived but four Days after the Operation; and on Diſſection of her Belly there was found ten Quarts of the ſame Matter which flowed through the Tap-hole, and in it floating a Lump of Hair ſo big as an Halfpenny Loaf, wrapt up in a fatty Matter, from which being cleanſed, it weighed full half an Ounce. On the Right ſide of the Womb he found a Protuberance bigger than a large Walnut, from which the Hair grew eight Inches long; that Tumor, or rather the *Ovary* being ſeparated from the *Matrix*, there was found in it a perfect Dog-Tooth ſocketed in a Bone of a triangular Figure, in which another Tooth was growing; the Bone had a *Perioſtium* on it ſurrounded with Fleſh, faſtned at the *Calvaria* to the Scull.

If you deſire to ſee thoſe things, or to have a more particular account of this Diſſection, Mr. *Nichols* will oblige you with the ſame freedom and readineſs he hath done your Servant.

My Patient's Caſe hath two Difficulties in it which I can't get over, *viz.* How theſe Subſtances got in where they lodged? And how they got out thence by the way they did? Without doubt they were neſted in or near the Teſticle; the place of Tumor and Pain, and the many Anatomical Diſcoveries made by thoſe great Philoſophers I have quoted, do ev'n demonſtrate it: They could not be conveyed into that Bowel, and muſt therefore be made

in

in it; but how, and of Materials, is a Queſtion to be put at *Delphos* or *Greſham College*, for *Apollo*, or the *Royal Society* to Anſwer.

Such Philoſophers who call thoſe extraordinary Appearances *Luſus Naturæ*, ſeem like thoſe of old, who wearied in their Natural Searches by ſome puzling Difficulty, take Refuge in Words, aſcribing the Cauſe of Things which they can't diſcover or diſcern, to Occult Qualities, *&c.* If they mean by *Luſus Naturæ*, the Sport or Recreation of Nature, they accuſe her who doth nothing in vain, and is the Author of all the Order, Beauty and Benefits we enjoy, as delighting to make Monſtrous, Deformed, Uſeleſs and Miſchievous Things; Things preternatural and contrary to Nature, becauſe deſtroying its beſt Works, Man.

If by it they mean that Nature being on the Work of Generation, miſtook, failed, or was diſappointed; and inſtead of forming an *Embryo* or *Fœtus*, made a *Chaos*, turn'd into a confus'd Lump of Bone, Fat, Hair and Membranes, the Materials or Elements of Animal Bodies, they greatly err; for in all ſuch Acts of Nature, the Coition of both Sexes is required, according to the old, or either of the new Hypotheſes *de Generatione Animal.* which in the Girl of *Deal* was wanting; ſhe being found, upon a very nice and ſtrict Scrutiny of Jealous Eyes, to die a Virgin, and Intact.

We are told by many Authors of the beſt Credit, That great Quantities of Hair have been found in all the Parts of Humane Bodies, the Fluids not excepted. Dr. *Tyſon* did, about twenty Years ſince, publiſh a large Collection from them. That Penetrating Eye, beyond the Ken of which ſcarce any thing in Nature is concealed, reaſons like a Philoſopher, on the Nature and Production of Hair in Human Bodies, Living or Dead; eſpecially in thoſe Parts we are writing of: but the Teeth and Bones ſeem too hard, even for ſo acute an Inveſtigator. He hath indeed

given

given us ſome very fine Thoughts, and Ingenious Conjectures concerning their Origin and Production; and perhaps he may by this time have diſcovered more clearly their Cauſes. If this Paper of mine occaſion his divulging thoſe Sentiments, how proud ſhall I be of the Midwifery!

This is the only Difficulty all thoſe Stories I have told from others are incumbred with; but mine hath another no leſs hard to reſolve. It's obvious how thoſe things were got out of the Women that dyed; but my Patient, who ſurvived the Evacuation, puzleth me to find the *Ductus per Quem* for ſuch a Lump to paſs from without the Womb into the *Vulva*. It was certainly lodged without the *Uterus*; But which way could ſuch a Lump of greaſy Hair, with a Bone, and a large Membrane adhering, paſs into it? I know none but the *Tuba Fallopiana*; but the Orifice of that into the Womb is ſo ſmall, that it ſometimes wont admit an Egg no bigger than a Corn of Pepper to paſs: Whence thoſe Conceptions which are made in that Trunk are occaſioned. It will diſtend very largely, ſo as to hold a big Fœtus; but where it is inſerted to the Matrix, the *Foramen* is too narrow for Subſtances of ſuch Magnitude to paſs, unleſs ſome very extraordinary Accident expanded it; and what that can be, I can't apprehend.

LONDON, Printed for *Sam. Smith* and *Benj. Walford*, Printers to the *Royal Society*, at the *Prince's-Arms* in St. *Paul's* Church-yard.